AMENDMENTS TO THE CLAIMS

Claims 1-12 and 23-25 are canceled. Claim 13 is currently amended.

1-12. (Canceled)

13. (Currently Amended) A vinyl polymer which has at least one terminal functional group per molecule and has a ratio of weight average molecular weight to number average molecular weight of less than 1.8 as determined by gel permeation chromatography and has a number average molecular weight 500-100,000, said terminal functional group being a crosslinking silyl group of the general formula (1) shown below,

$$-\{Si(R^1)_{2-b}(Y)_bO\}_m-S_i(R^2)_{3-a}(Y)_a \qquad (1)$$

wherein R^1 and R^2 each independently represents an alkyl group containing 1 to 20 carbon atoms, an aryl group containing 6 to 20 carbon atoms, an aralkyl group containing 7 to 20 carbon atoms, or a triorganosiloxy group of the formula $(R')_3SiO$-, R' being a monovalent hydrocarbon residue containing 1 to 20 carbon atoms and the three R' groups being the same or different, provided that when a plurality of R^1 or R^2 groups occur, they may be the same or different; Y represents a hydroxyl group or a hydrolyzable group, provided that when a plurality of Y groups occur, they may be the same or different; a represents 0, 1, 2 or 3, b represents 0, 1 or 2, and m represents an integer of 0 to 19, provided that the condition $a + mb \geq 1$ should be satisfied.

14. (Previously Presented) The vinyl polymer according to claim 13, wherein the radio of weight average molecular weight to number average molecular weight as determined by gel permeation chromatography is not more than 1.7.

15. (Previously Presented) The vinyl polymer according to claim 13, wherein the ratio of weight average molecular weight to number average molecular weight as determined by gel permeation chromatography is not more than 1.6.

16. (Previously Presented) The vinyl polymer according to claim 13 wherein the ratio of weight average molecular weight to number average molecular weight as determined by gel permeation chromatography is not more than 1.5.

17. (Previously Presented) The polymer according to claim 13, wherein its main chain is a (meth)acrylic polymer.

18. (Previously Presented) The polymer according to claim 17, wherein the main chain is an acrylate ester polymer.

19. (Previously Presented) The polymer according to claim 13, wherein the main chain is produced by atom transfer radical polymerization.

20. (Previously Presented) The polymer according to claim 13 as produced by converting a terminal halogen group of the halogen-terminated vinyl polymer to a crosslinking silyl-containing substituent.

21. (Previously Presented) The crosslinking silyl-terminated vinyl polymer according to claim 13, wherein Y in general formula (1) is a hydrogen atom, a halogen atom, a hydroxyl, alkoxyl, acyloxy ketoximate, amino, amido, aminoxyl, mercapto or alkenyloxyl group, provided that when a plurality of Y groups occur, they may be the same or different with each other.

22. (Previously Presented) The vinyl polymer according to claim 21, wherein Y in general formula (1) is an alkoxyl group.

23. (Canceled)

24. (Canceled)

25. (Canceled)